BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	47	22/5,

Item Name: Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 7.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. Ground Floor

	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Ground Floor						
	W	4	2.70			0.45		4.86	
		4	1.80			0.45		3.24	
	V	1	1.50			0.45		0.68	
							Total Qty Work Done	8.78	Sqm
							Qty Payable in this bill	8.78	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)
22/5

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	48	17/6,
Item Name:	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 7.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. First Floor	

	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			First Floor						
	W	1	2.70			0.45		1.22	
		6	1.80			0.45		4.86	OC/PC
	V	3	1.50			0.45		2.03	
							Total Qty Work Done	8.10	
							Qty Payable in this bill	8.10	Sqm

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ಯೋಜನೆಗಳು-ವಿಭಾಗ-೦

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Assistant Engineer
RR Nagar (Project)
17/6

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	49	1&2.25/6,
Item Name:	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 7.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. Second Floor	

	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Secound Floor						
	W	2	2.70			0.45		2.43	
		6	1.80			0.45		4.86	
	V	3	1.50			0.45		2.03	
							Total Qty Work Done	9.32	Sqm
							Qty Payable in this bill	9.32	Sqm

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	50	2nd & 16/2,

Item Name: Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 7.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. Third Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Third Floor						
	W	2	2.70			0.45		2.43	
		6	1.80			0.45		4.86	
	V	3	1.50			0.45		2.03	
							Total Qty Work Done	9.32	Sqm
							Qty Payable in this bill	9.32	Sqm

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Contractor Representative

Consultant Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

B.K. Ramakrishna 6/2

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	51	12/5,
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights. Ground Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Ground Floor						
	W	4	2.70			0.45		4.86	
		4	1.80			0.45		3.24	
	V	1	1.50			0.45		0.68	
	Total Qty Work Done							**8.78**	**Sqm**
	Qty Payable in this bill							**8.78**	**Sqm**

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

14/5

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	52	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights. First Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			First Floor						
	W	1	2.70			0.45		1.22	
		6	1.80			0.45		4.86	
	V	3	1.50			0.45		2.03	
								Total Qty Work Done	Sqm
								Qty Payable in this bill	Sqm

8.10

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	53	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights. Second Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Secound Floor						
	W	2	2.70			0.45		2.43	
		6	1.80			0.45		4.86	
	V	3	1.50			0.45		2.03	
	Total Qty Work Done							**9.32**	**Sqm**
	Qty Payable in this bill							**9.32**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	54	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights. Third Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Third Floor						
	W	2	2.70			0.45		2.43	
		6	1.80			0.45		4.86	
	V	3	1.50			0.45		2.03	
	Total Qty Work Done							9.32	Sqm
	Qty Payable in this bill							9.32	Sqm

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	55								
Item Name:	Extra For providing throating or drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification - Ground Floor								
	CHAINAGE / **Land Mark**	**NO**	**L** (m)	**B** (m)	**B1** (m)	**Avg B** (m)	**D** (m)	**QTY**	**REMARKS**
			Ground Floor						
	W	4	2.70					10.80	
		4	1.80					7.20	
	V	1	1.50					[illegible]	
							Total Qty Work Done	**19.50**	**Rmt**
							Qty Payable in this bill	**19.50**	**Rmtr**

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	56	
Item Name:	Extra For providing throating or drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification - First Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			First Floor						
	W	1	2.70					2.70	
		6	1.80					10.80	
	V	3	1.50					4.50	
								Total Qty Work Done: 18.00	Rmt
								Qty Payable in this bill: 18.00	Rmt

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	57								
Item Name:	Extra For providing throating or drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification - Second Floor								
	CHAINAGE / **Land Mark**	**NO**	**L** (m)	**B** (m)	**B1** (m)	**Avg B** (m)	**D** (m)	**QTY**	**REMARKS**
			Secound Floor						
	W	2	2.70					5.40	
		6	1.80					10.80	
	V	3	1.50					4.50	
							Total Qty Work Done	20.70	Rmt
							Qty Payable in this bill	20.70	

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Contractor Representative

CITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagar (Project)

11/5

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	58
Item Name:	Extra For providing throating or drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification - Third Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			Third Floor						
	W	2	2.70					5.40	
		6	1.80					10.80	
	V	3	1.50					4.50	
								Total Qty Work Done: 20.70 Rmt	
								Qty Payable in this bill: 20.70 Rmt	

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	59	
Item Name:	Providing lath plastering cement mortor 1:3, 5 Cm thick with 6 mm dia mild steel @ 20 cm c/c both hiorizantaly & Vertically fixing Chicken Mesh for drop chejja , facia, Backing to cupboard including cost of all materials, labour, providing & removing form work H O M of Machinery , curing, complete as per specifications.	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
			All Floors						
	GF	1	38.00				0.75	28.50	
	FF	1	38.00				0.75	28.50	
	SF	1	38.00				0.75	28.50	
	SF	1	38.00				0.75	28.50	
							Total Qty Work Done	**114.00**	**Sqm**
							Qty Payable in this bill	**113.00**	**Sqm**

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Measurement Sheet

Secound and Part

Item No:	60
Item Name:	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500 - Ground Floor

Sl No	Description of work	No.		length		Total length	Remarks	
	Ground Floor							
	Lintel							
	12mm dia bar							
		1	5	7.60	=	38.00		
		1	5	7.20	=	36.00		
		1	5	5.30	=	26.50		
		1	5	4.50	=	22.50		
		1	5	5.40	=	27.00		
		1	5	4.00	=	20.00		
		1	5	4.00	=	20.00		
		1	5	10.00	=	50.00		
		1	5	2.00	=	10.00		
		1	5	1.50	=	7.50		
		1	5	18.00	=	90.00		
						347.50	mtr	
					@	0.89	309.28	Kg/mtr
						Qty	309.28	Kg's
						Total Qty Work Done	0.31	Ton
						Qty Payable in this bill	0.31	Ton

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Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagar (Project)

Asst.Executive Engineer
RR Nagar (Project)

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